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Docket No.: P0743-7003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen D. Senturia  
Serial No: 10/090,381  
Confirmation No: 5189  
Filed: March 4, 2002  
For: METHODS AND APPARATUS FOR DIFFRACTIVE OPTICAL  
PROCESSING USING AN ACTUATABLE STRUCTURE  
Examiner: Bello, Agustin  
Art Unit: 2633

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 28<sup>th</sup> day of June, 2005.

  
Sharon R. Lloyd

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following documents:

- ☒ Response
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,  
Stephen D. Senturia, Applicant

By:   
John N. Anastasi, Reg. No. 37,765  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000

Date: June 28, 2005



Serial No.: 10/090,381

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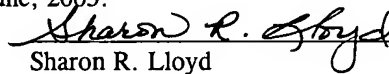
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**RESPONSE**

Sir:

In response to the Office Action mailed March 29, 2005, Applicant respectfully submits the following remarks.

**Remarks** begin on page 2 of this paper.